

What is claimed is:

1. A lock nut for a leg assembly of electric home appliances, comprising:
a plurality of ribs extended in a radius direction from a circumference of a hub, and
5 having a side over which a tool or finger for rotating the hub about the leg bolt; and
a supplementary member provided allowing the wrench or finger to access from the
radius direction of the hub to the side, and coupling the ribs.
2. The lock nut as claimed in claim 1, wherein the height of the rib is same as
10 or lower than that of the hub, and the height of the supplementary member is lower
than that of the rib.
3. The lock nut as claimed in claim 1, wherein the side is perpendicular to a
horizontal plane.
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4. The lock nut as claimed in claim 1, wherein the side is inclined to a
perpendicular line.
5. The lock nut as claimed in claim 1, wherein at least one of both sides of the
20 rib gets larger from the hub toward an end of the rib.
6. The lock nut as claimed in claim 1, wherein an end portion and both sides of
the rib are geared to the tool when the tool accessed from the radius direction of the
hub.

7. The lock nut as claimed in claim 1, wherein the supplementary member comprises an extension member extended from a circumference of the hub to a space between the ribs.

5 8. The lock nut as claimed in claim 7, wherein the side is inclined to a perpendicular line

9. The lock nut as claimed in claim 8, wherein a first side of both sides of the rib is inclined so as to be gradually thickened from an upper part of the rib to the extension member, and a second side thereof is inclined such that it gets thicker from a
10 lower part of the rib to the extension member.

10. The lock nut as claimed in claim 7, wherein the extension member is extended from a center of a height direction of the hub, and has a lower height than the
15 rib.

11. The lock nut as claimed in claim 7, wherein the extension member is inclined such that the tool or finger accessed from the radius direction of the hub easily touches the side.

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12. The lock nut as claimed in claim 7, wherein the extension member is inclined such that a first end of thereof being coupled with the hub is higher than a second end thereof being adjacent to the end portion of the rib.

13. The lock nut as claimed in claim 12, wherein the incline direction of two extensions located at both sides of the rib is different from each other.

14. The lock nut as claimed in claim 7, wherein an end portion of the extension
5 is provided to be adjacent to a lower part or upper part of the end portion of the rib such that a single exposed area of a portion being adjacent to the end portion of the rib on the side becomes larger.

15. The lock nut as claimed in claim 7, wherein a center portion of the end
10 portion of the extension member is curved toward the hub.

16. The lock nut as claimed in claim 7, wherein an end portion of the rib forms a corner of the lock nut.

17. The lock nut as claimed in claim 7, wherein an end portion of the rib is
15 rounded.

18. The lock nut as claimed in claim 1, wherein the supplementary member comprises a rim for coupling the end portion of the ribs.
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19. The lock nut as claimed in claim 18, wherein the rim is lower than the rib and coupled with an upper or lower part of the rib.

20. The lock nut as claimed in claim 18, wherein the rim is provided to be
25 perpendicular to a horizontal plane.

21. The lock nut as claimed in claim 18, wherein one of two rims located at both sides of the end portion of the rib is coupled with the upper part of the rib, and the other rim is coupled with the lower part thereof.

5 22. A lock nut for a leg assembly of electric home appliances, comprising:
a hub having a screw hole through which a leg bolt passes, the leg bolt coupled with an electric home appliance;

 a plurality of ribs extended in a radius direction from a circumference of the hub, and having a side over which a tool or a finger accessed from the radius direction
10 of the hub is hooked so as to rotate the hub about the leg bolt.

23. The lock nut as claimed in claim 1, wherein the side is perpendicular to a horizontal plane.

15 24. The lock nut as claimed in claim 1, wherein the side is inclined to the perpendicular plane.

25. The lock nut as claimed in claim 24, wherein a first side of both sides of the rib is inclined such that it gets thicker from an upper part of the rib to the extension
20 member, and a second side thereof is inclined such that it gets thicker from a lower part of the rib to the extension member.

26. The lock nut as claimed in claim 22, wherein the extension member is inclined such that a first end of thereof being coupled with the hub is higher than a
25 second end thereof being adjacent to the end portion of the rib.

27. The lock nut as claimed in claim 26, wherein the inclination directions of the two extension members provided at both sides of the rib are different from each other.

5 28. The lock nut as claimed in claim 22, wherein the rim is perpendicularly extended from the end of the extension member to an upper part or lower part of the rib.

29. The lock nut as claimed in claim 22, wherein one of two rims located at
10 both sides of the end portion of the rib is coupled with the upper part of the rib, and the other rim is coupled with the lower part thereof.

30. The lock nut as claimed in claim 22, wherein the coupling portion of the rib, the extension member and the rim is rounded.

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31. A wrench comprising:

a long grip having at least one projection on an outer circumferential surface thereof; and a box end or an open end provided at either of both ends thereof.

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32. The wrench as claimed in claim 31, wherein the projection is provided at a coupling part of the grip and the box end, or at a coupling part of the grip and the open end.

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33. The wrench as claimed in claim 32, wherein the coupling part is curved.

34. The wrench as claimed in claim 31, wherein the projection is a hook hooked over a projected portion of the outer circumferential surface.

35. The wrench as claimed in claim 31, wherein the projection is a gear tooth
5 geared to the outer circumferential surface of the nut to be loosen.